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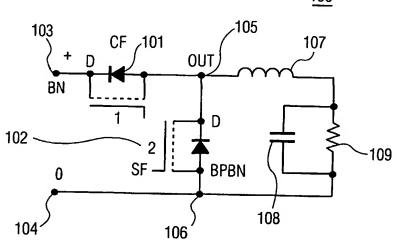
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(54) Title INTEGRATED HALF-BRIDGE POWER CIRCUIT

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(57) Abstract: A down converter includes an integrated circuit, which includes a control FET (CF) and a synchronous rectifier FET (SF). The control FET is a lateral double-diffused (LDMOS) FET, and the conductivity-type of the LDMOS FET and the conductivity-type of the substrate are of the same type.

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